

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : Multimounting IE3 Three-Phase Product code : 12911820

Frame : 100L	Locked rotor time : S1
Output : F	Duty cycle : IP55
Frequency : 1.25	Protection degree : IC411 - TEFC
Rated voltage : N	Cooling method : B3L(E)
Rated current	Mounting : Both (CW and CCW)
L. R. Amperes	Rotation <sup>1</sup> : Direct On Line
LRC	Starting method
No load current	
Rated speed	
Slip	
Rated torque	
Locked rotor torque	
Breakdown torque	
Insulation class	
Service factor	
Design	

Output	50%	75%	100%	Foundation loads
Efficiency (%)				Max. traction : 76 kgf
Power Factor				Max. compression : 104 kgf

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type :		6206 ZZ	6205 ZZ
Sealing :		V'Ring	V'Ring
Lubrication interval :		-	-
Lubricant amount :		-	-
Lubricant type :		Mobil Polyrex EM	

Notes:

<p>This revision replaces and cancel the previous one, which must be eliminated.</p> <p>(1) Looking the motor from the shaft end.</p> <p>(2) Measured at 1m and with tolerance of +3dB(A).</p> <p>(3) Approximate weight subject to changes after manufacturing process.</p> <p>(4) At 100% of full load.</p>	<p>These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.</p>
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Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	14/01/2024		1 / 1	